

# PHASE 1 QUALIFIED

## U.S. Environmental Protection Agency 2008 Hydronic Heater Program

Phase 1 Qualified models are cleaner and pollute less than those models that have not met this emissions level. Exposure to smoke has been associated with respiratory illness and other health problems. Models that have lower smoke emissions may reduce your risk.

For more information go to [www.epa.gov/woodheaters](http://www.epa.gov/woodheaters)

### HYDRONIC HEATERS SMOKE EMISSIONS RANGE

Lower Emissions

0

Higher Emissions

2.0

Better

Worse



**0.479 0.6 EPA PHASE I EMISSIONS LEVEL**

**THIS MODEL** (Calculated for Heating Season Only)

Heaters with lower emissions produce less smoke when installed and operated properly.

### Calculated for Heating Season Use Only

**MANUFACTURER:**

**XXX**

**MODEL NO:**

**XXXX**

**8-HOUR HEAT OUTPUT RATING:**

**73,067 BTU/HR**

**8-HOUR AVERAGE EFFICIENCY:**

**60% (using higher heating value)**

**70% (using lower heating value)**

**FINE PARTICLE EMISSIONS:**

**28.54 GRAMS/HR (average)**

**0.479 LBS/MILLION BTU HEAT INPUT**

**0.851 LBS/MILLION BTU HEAT OUTPUT**

**0.478 GRAMS/HR/10,000 BTU HEAT OUTPUT**

\* EPA has determined based on testing by an **accredited independent laboratory** that this model qualifies at the **Phase 1 emissions level** for U.S. EPA's Voluntary Program.

**FOR USE DURING HEATING SEASON ONLY**